

TOSHIBA MATERIAL SAFETY DATA SHEET

Date of Preparation : January 15, 2013
Date of Revised : March 1, 2013

MSDS No. : ODFC34YMCKPW1W
Page 1 of 4

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : OD-FC34K/OD-FC34Y/OD-FC34M/OD-FC34C (Drum included)
Used for : Toshiba Copiers, e-STUIDO287CS/347CS/407CS
Company Name : Toshiba TEC Corporation
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(European Headquarter)
(4) Toshiba (Australia) Pty, Ltd.
Telephone. No. : +61-2-98876000

SECTION 2 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW : Green, odorless and solid cylinder. None hazardous product.
POTENTIAL HEALTH EFFECTS : Based on animal testing, this product is presumed to be no health effects.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

COMPOSITION/INFORMATION

Ingredients	Proportion	CAS No.
Aluminium cylinder	>97%	Confidential
Binder resin	<1%	Confidential
Photosensitive material	<1%	Confidential
Pigment	<1%	Confidential

SECTION 4 FIRST AID MEASURES

IN CASE OF EYE CONTACT : No eye contact in normal use. If exposed to the dust of photoconductive layer, flush eyes with water. Get medical attention, if feels irritation.
IN CASE OF SKIN CONTACT : None treatment is required. If exposed to much of the dust of photoconductive layer, wash out with water.
IN CASE OF INHALATION : No inhalation in normal use. If exposed to the dust of photoconductive layer, get medical attention if cough or other symptoms develop.
IN CASE OF INGESTION : No ingestion in normal use. If swallowed the dust of photoconductive layer, induce vomiting as much as possible. Get medical attention, if feels something bad.

SECTION 5 FIRE FIGHTING MEASURESEXTINGUISHING MEDIA : CO₂, Dry chemical, Foam or Water

SPECIAL FIRE-FIGHTING PROCEDURES

: None

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS : None required under normal use.

ENVIRONMENTAL PRECAUTIONS

: None required under normal use.

METHODS FOR CLEANING UP

: Collect. No special precautions required in collection.

SECTION 7 HANDLING AND STORAGE

HANDLING : No special precaution. Do not touch the photoconductive layer directly, expose to organic solvent vapor or sunlight to prevent degradation.

STORAGE : Store in normal temperature, normal humidity and dark place.

Avoid dew condensation, organic solvent vapor.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMIT

: ACGIH Not established.

OSHA Not established.

ENGINEERING MEASURES : No required.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION

: None required.

EYE PROTECTION : Use safety glasses.

SKIN PROTECTION : No precautions.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR : Green, odorless and solid cylinder.

DENSITY : 2.7

VAPOR DENSITY : Not applicable.

BOILING POINT : Not applicable.

pH : Not applicable.

MELTING POINT : Not applicable.

LOG P o/w : Not applicable.

VAPOUR PRESSURE : Not applicable.

SOLUBILITY IN WATER : Insoluble.

SOLUBILITY IN OTHER SOLVENT

: Photoconductive layer is soluble in organic solvent like Tetrahydrofuran.

FLASH POINT : Not applicable.

AUTOIGNITION TEMPERATURE

: Not applicable.

FLAMMABLE LIMITS : Not applicable.

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SECTION 10 STABILITY AND REACTIVITY

STABILITY & REACTIVITY : Stable
MATERIALS TO AVOID : Oxidizing material
HAZARDOUS DECOMPOSITION : None

SECTION 11 SUPPLEMENTAL HEALTH INFORMATION

ACUTE TOXICITY
Oral : [rat] LD50 >2,000mg/kg (Photoconductive layer)
Skin : [rabbit] LD50 not available.
SKIN IRRITATION : No skin irritation potential to the rabbit skin.
(Photoconductive layer)
EYE IRRITATION : Reversible and minimally eye irritation potential to the eyes of rabbits.
(Photoconductive layer)
SENSITIZING : Not available.
CHRONIC TOXICITY : Not available.
MUTAGENICITY : Negative in the Ames test. (Photoconductive layer)
CARCINOGENICITY
IARC : -
ACGIH : -
NTP : Not available.
REPRODUCTIVE TOXICITY : Not available.

SECTION 12 ECOLOGICAL INFORMATION

No data available

SECTION 13 DISPOSAL CONSIDERATION

Any disposal practice should be done under conditions which meet local, state and federal laws and regulations relating to waste. (contact local or state environmental agency for specific rules.)

SECTION 14 TRANSPORTATION INFORMATION

UN Hazardous Class : None allocated.
UN Number : None

SECTION 15 REGULATORY INFORMATION

This product do not fall in the category of the regulations and orders of section 6 and 7 of TSCA (Toxic Substance Control Act).

SECTION 16 OTHER INFORMATION

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein.

Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions.

Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution.

The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.
